

In the Specification:

On page 1, after the title delete the heading "Technical Field" and insert the following:

**RELATED APPLICATION**

This is a U.S. national stage of application No. PCT/DE2004/002136, filed on 24 September 2004.

On page 1, amend the paragraph beginning on line 6 as follows:

The present application is closely related to the following applications:

~~2003P14657, 2003P14656, and 2003P14655~~ Attorney Docket Nos. 2003P14657, 502902- 228PUS and 502902-227PUS.

On page 1, before line 11, insert the following heading:

**FIELD OF THE INVENTION**

On page 1, delete the heading on line 16, and insert the following heading:

**BACKGROUND OF THE INVENTION**

On page 2, amend the paragraph beginning on line 15 as follows:

It is an object of the present invention to provide a green-emitting LED ~~in accordance with the preamble of claim 1~~ which is designed as a luminescence conversion LED with the highest possible efficiency. A further object is to stabilize the color locus.

On page 2, delete the paragraph beginning on line 20 through line 22 in its entirety and insert the following:

This and other objects are attained in accordance with one aspect of the present invention directed to a green-emitting LED which is designed as a luminescence conversion LED, comprising a primary radiation source, which is a chip emitting in the UV or blue radiation region, and a layer of a phosphor which is arranged in front of the primary radiation source and completely or partially converts the radiation of the chip into green light of dominant wavelength  $\lambda_{\text{dom}} = 550$  to  $570$  nm, wherein the phosphor belongs to the class of the oxynitridosilicates, having a cation M and the empirical formula  $M_{(1-c)}\text{Si}_2\text{O}_2\text{N}_2:\text{D}_c$ , where D denotes a doping with divalent europium and where M comprises Sr as a constituent and  $M = \text{Sr}$  alone or  $M = \text{Sr}_{(1-x-y)}\text{Ba}_y\text{Ca}_x$  with  $0 \leq x+y < 0.5$  is used, the oxynitridosilicate completely or predominantly comprising the high-temperature-stable modification HT.

On page 2, amend the paragraph beginning on line 28 as follows:

~~The invention proposes~~ An embodiment of the invention utilizes a phosphor which represents an oxynitridosilicate of formula  $\text{MSi}_2\text{O}_2\text{N}_2$  ( $M = \text{Ca}, \text{Sr}, \text{Ba}$ ) which is activated with divalent Eu, if appropriate with the further addition of Mn as co-activator, with the HT phase forming the majority or all of the phosphor, i.e. more than 50% of the phosphor. This HT modification is distinguished by the fact that it can be excited within a broad band, namely in a wide range from 200 to 480 nm, that it is extremely stable with respect to external influences, i.e. does not reveal any measurable degradation at  $150^\circ\text{C}$ , and that it has an extremely good color

locus stability under fluctuating conditions (little drift detectable between 20 and 100°C). This phosphor is often also referred to below as Sr Sion:Eu.

On page 9, replace the heading on line 33 and with the following heading:

#### **BRIEF DESCRIPTION OF THE DRAWINGS**

On page 9, delete lines 35-37 in their entirety.

On page 10, replace the heading on line 13 with the following heading:

#### **DETAILED DESCRIPTION OF THE DRAWINGS**